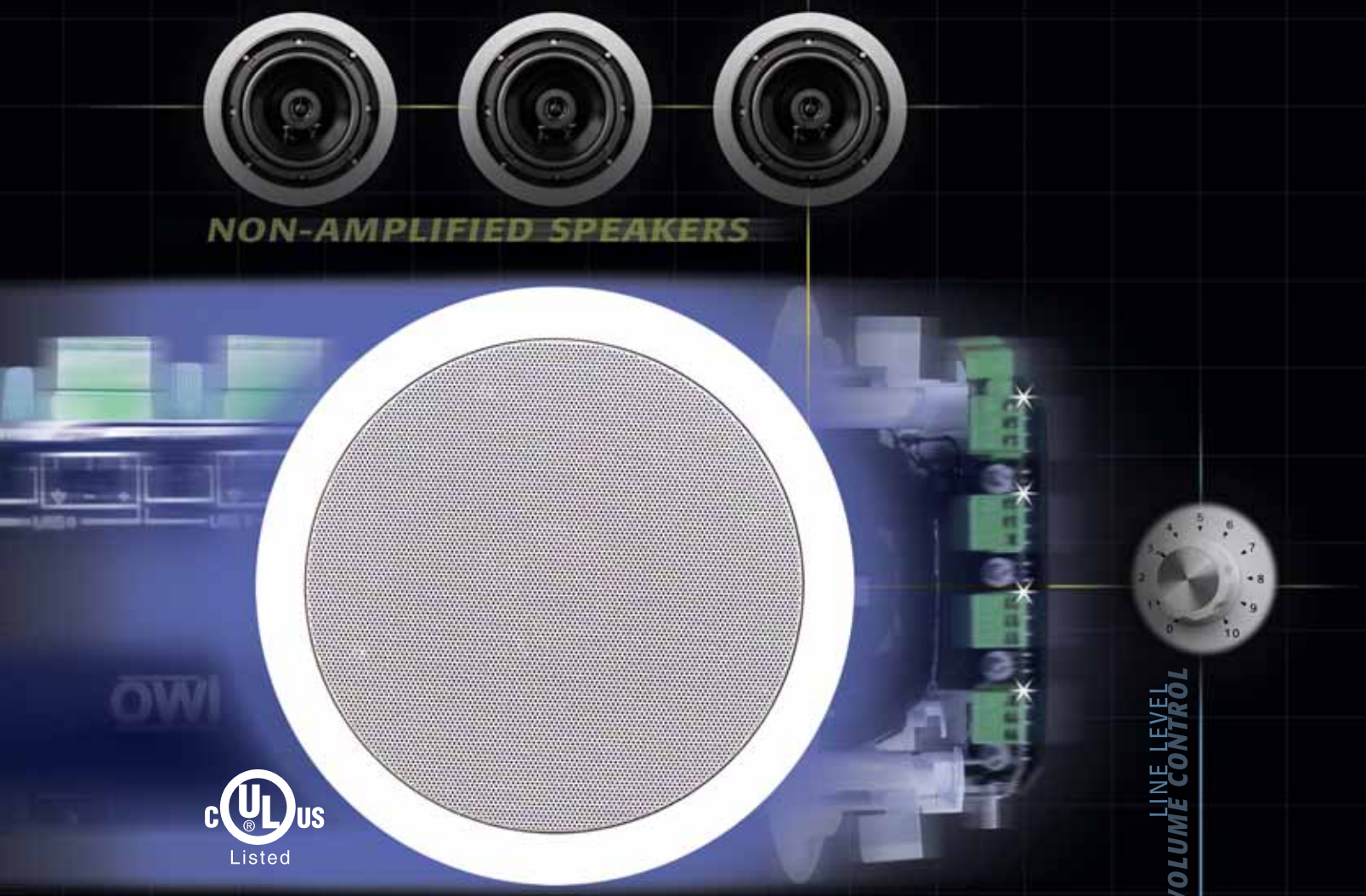
AMP4IC6

FOUR INPUT/SOURCE SELF-AMPLIFIED SPEAKER



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AMP4IC6

- Built on to the OWI IC6 In-ceiling speakers
- 4 line level inputs/sources
- Can effectively drive up to three additional non-amplified Model IC6 speakers
- Up to 4 amplified speakers on one line
- Up to 25 watts of class AB power right at the speaker
- Lower noise feature
- Fast and easy install in the field
- 12 volt AC power supply (UL rated) included
- Protected from shorts and overheating
- Line level volume control available
- Speaker combination program available

OWI®
ESTABLISHED 1978

Video Projector

Wireless Microphone

Computer

MP3 Player

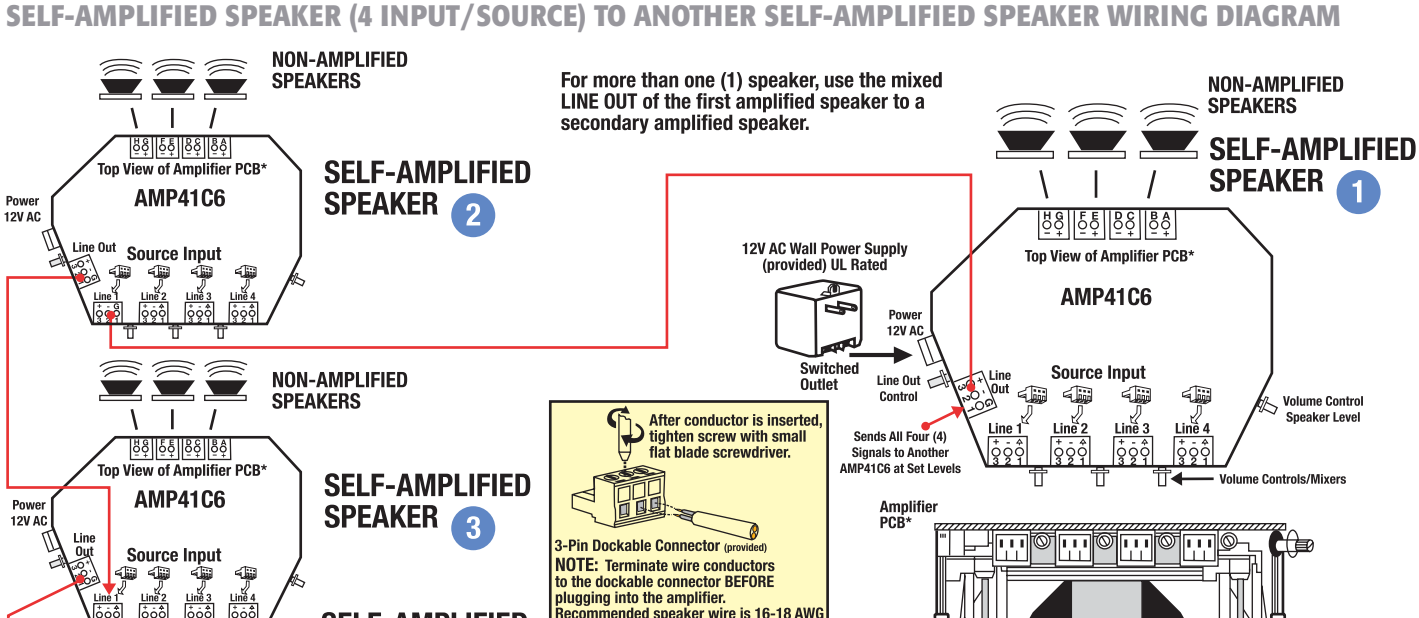
CD Player

DVD Player

AMP4IC6

ARCHITECTS AND ENGINEERS
SPECIFICATIONS/TECHNICAL DATA

SELF-AMPLIFIED SPEAKER (4 INPUT/SOURCE) TO ANOTHER SELF-AMPLIFIED SPEAKER WIRING DIAGRAM


NON-AMPLIFIED SPEAKERS
Top View of Amplifier PCB*
AMP41C6
Power 12V AC
Line Out
Source Input
Line 1
Line 2
Line 3
Line 4
SELF-AMPLIFIED SPEAKER 2
NON-AMPLIFIED SPEAKERS
SELF-AMPLIFIED SPEAKER 3
SELF-AMPLIFIED SPEAKER 4
For more than one (1) speaker, use the mixed LINE OUT of the first amplified speaker to a secondary amplified speaker.
NON-AMPLIFIED SPEAKERS
SELF-AMPLIFIED SPEAKER 1
12V AC Wall Power Supply (provided) UL Rated
Switched Outlet
Line Out Control
Sends All Four (4) Signals to Another AMP41C6 at Set Levels
Volume Control Speaker Level
Volume Controls/Mixers
After conductor is inserted, tighten screw with small flat blade screwdriver.
3-Pin Dockable Connector (provided)
NOTE: Terminate wire conductors to the dockable connector BEFORE plugging into the amplifier.
Recommended speaker wire is 16-18 AWG
Amplifier PCB*
AMP41C6 (side view)
*PCB - "Printed Circuit Board"

GENERAL SPECIFICATIONS:

Frequency Response	50 Hz to 15kHz. HF is optimized to enhance frequency response of the speaker.
Total Harmonic Distortion (THD)	<.1%
Signal to Noise Ratio (S/N)	>90dB
Input Configuration	Differential (noise reducing)
Minimum Common Mode Rejection	40dB
Maximum Power Output	25 watts
At Load Impedance	4 Ohms (2 speakers in parallel or 4 speakers in series parallel)
Minimum Power Supply Voltage	8 Volts
Maximum Supply Voltage	14 Volts
Maximum Current Protected	Yes
Short Circuit Protected	Yes
One Wire to Ground Protected	Yes
Minimum Load Impedance	3.2 Ohm
Input Load Impedance	10K Ohm
Maximum no. of Amplifiers on one line	4
Power Supply	12 Volts AC 12- 14V AC
Inputs	4 Balanced Line
Outputs	1 Balanced Line
Controls	4 Input Level Controls 1 Line Out Level Control 1 Amplifier Gain Control
Outputs	4 Output Jacks allowing automatic correct wiring for series parallel connection by simply plugging each speaker into its jack.
Heat Sink	An Oversize Heat-Sink is provided
High Voltage Protection	The highest voltage on the PCB is 12 Volts The amplifier is protected against short and overheating
Plastic	Fire rated V-0
Available Backcan (sold separately)	UL Listed and Plenum Rated
Warranty	1 year

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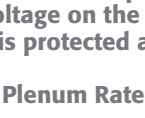
RECOMMENDED ACCESSORIES



Backcan (BC)
UL Listed
Plenum Rated
Enclosure Backcan Required as per UL Standard

Mono (AMP-MOVC)
Stereo (AMP-STVC)
Line Level Volume Control

Tile Bridge
Model 6TB

Stereo Combiner
(AMPSTCOMB)